

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB2007/004315

273

A. CLASSIFICATION OF SUBJECT MATTER  
 INV. A61K9/48 A61K31/4439

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|-----------|--|-----------------------|
| X         | US 6 174 902 B1 (YELLE WILLIAM E [US] ET AL) 16 January 2001 (2001-01-16)<br>column 3, lines 16-24<br>column 5, lines 26, 27, 44-47<br>column 6, lines 7-13<br>column 6 - column 7; examples 1-3 | 1-14                  |
| X         | WO 2005/027880 A (NATCO PHARMA LTD [IN])<br>31 March 2005 (2005-03-31)<br>page 1, lines 4-17<br>page 9, lines 18-20<br>page 16 - page 17; example 6  | 1-14                  |

-/-

☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

\* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"S" document member of the same patent family

Date of the actual completion of the international search

25 September 2008

Date of mailing of the international search report

07/10/2008

Name and mailing address of the ISA/  
 European Patent Office, P.B. 5618 Patentlaan 2  
 NL - 2280 HV Rijswijk  
 Tel. (+31-70) 340-2640, Tx. 31 651 epo nl.  
 Fax (+31-70) 340-3016

Authorized officer

Gómez Gallardo, S

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/IB2007/004315

| C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT |  |                       |
|--|--|-----------------------|
| Category*  | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
| X  | WO 2006/011159 A (TORRENT PHARMACEUTICALS LTD [IN]) 2 February 2006 (2006-02-02)<br>page 1, paragraph 1<br>page 7, last paragraph<br>page 11, paragraph 7<br>page 15, last paragraph - page 18, paragraph 1<br>-----   | 1-14                  |
| X  | OHNING G V ET AL: "Rabeprazole produces rapid, potent, and long-acting inhibition of gastric acid secretion in subjects with Helicobacter pylori infection"<br>ALIMENTARY PHARMACOLOGY & THERAPEUTICS, BLACKWELL SCIENTIFIC PUBLICATIONS LTD., CAMBRIDGE, GB,<br>vol. 14, no. 6, 1 June 2000 (2000-06-01), pages 701-708, XP002487514<br>ISSN: 0269-2813<br>abstract<br>page 706; table 4<br>-----                         | 1-14                  |
| X  | LEW E A: "Review article: pharmacokinetic concerns in the selection of anti-ulcer therapy"<br>ALIMENTARY PHARMACOLOGY & THERAPEUTICS, BLACKWELL SCIENTIFIC PUBLICATIONS LTD., CAMBRIDGE, GB,<br>vol. 13 Suppl 5,<br>1 October 1999 (1999-10-01), pages 11-16, XP002375912<br>ISSN: 0269-2813<br>abstract<br>page 12, right-hand column, paragraph 3<br>page 13; figure 2; table 1<br>-----                                 | 1-14                  |
| X  | LEW E A ET AL: "An ascending single-dose safety and tolerance study of an oral formulation of rabeprazole (E3810)"<br>ALIMENTARY PHARMACOLOGY & THERAPEUTICS, vol. 12, no. 7, 1998, pages 667-672, XP002497041<br>abstract<br>page 668, left-hand column, paragraph 3 - right-hand column, paragraph 1<br>page 670; table 2<br>page 670, right-hand column, paragraph 2 - page 671, left-hand column, paragraph 3<br>----- | 1-14                  |

-/--

## INTERNATIONAL SEARCH REPORT

International application No

PCT/182007/004315

| C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT |  |                          |
|--|--|--------------------------|
| Category*  | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.    |
| X  | <p>YASUDA S ET AL: "Pharmacokinetic properties of E3810, a new proton pump inhibitor, in healthy male volunteers" INT J CLIN PHARMACOL THER, vol. 32, no. 9, 1994, pages 466-473, XP008096717 abstract<br/> page 467, right-hand column, last paragraph<br/> page 469; figure 2<br/> page 470; table 1</p> <p>-----</p>                              | 1-14                     |
| X  | <p>EP 1 454 634 A (EISAI CO LTD [JP] EISAI R &amp; D MAN CO LTD [JP])<br/> 8 September 2004 (2004-09-08)<br/> page 2, paragraph 9 - page 3, paragraph 10<br/> page 3, paragraph 20<br/> page 6, paragraphs 57,58<br/> page 7, paragraph 63<br/> page 8 - page 10; examples 1-14<br/> page 10, paragraph 96 - page 11, paragraph 102</p> <p>-----</p> | 1-14                     |
| X  | <p>WO 2006/042277 A (EISAI CO LTD [JP])<br/> 20 April 2006 (2006-04-20)<br/> page 1, line 23 - page 2, line 8<br/> page 11, lines 16,17,22-24<br/> page 27; example 1<br/> page 35, line 28 - page 36, line 2<br/> page 76, lines 7-13</p> <p>-----</p>  | 1-14                     |
| X  | <p>WO 2004/066982 A (RANBAXY LAB LTD [IN])<br/> 12 August 2004 (2004-08-12)<br/> page 16 - page 17; example 3</p> <p>-----</p>   | 1-14                     |
| E, L   | <p>EP 1 930 030 A (EISAI R &amp; D MAN CO LTD [JP]) 11 June 2008 (2008-06-11)<br/> page 2, paragraph 1<br/> page 7, paragraph 42<br/> page 8; table 1<br/> page 11; example 1<br/> page 14; example 7</p> <p>-----</p>   | 1-14                     |
| P, X,<br>L   | <p>&amp; WO 2007/037259 A (EISAI R &amp; D MAN CO LTD [JP]) 5 April 2007 (2007-04-05)</p> <p>-----</p>   | 1-14                     |
| P, X   | <p>WO 2007/072503 A (PANACEA BIOTEC LTD [IN])<br/> 28 June 2007 (2007-06-28)<br/> page 23; example 5</p> <p>-----</p>  | 1-14                     |
| E  | <p>WO 2008/067037 A (SANTARUS INC [US])<br/> 5 June 2008 (2008-06-05)</p> <p>-----</p> <p>page 59; table 1B17<br/> page 63; table 1C20</p> <p>-----</p> <p style="text-align: center;">-/-</p>   | 1,2,5,<br>7-10,13,<br>14 |

## INTERNATIONAL SEARCH REPORT

International application No

PCT/IB2007/004315

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
|----------|--|-----------------------|
| E        | WO 2008/002567 A (ALZA CORP [US])<br>3: January 2008 (2008-01-03)<br>page 1, paragraph 1<br>page 6, paragraph 22<br>page 35, paragraph 108<br>page 54 - page 60; example 4 | 1-4, 6-13             |

## INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/IB2007/004315

| Patent document<br>cited in search report |    | Publication<br>date | Patent family<br>member(s)   | Publication<br>date  |
|---|----|---------------------|--|--|
| US 6174902                                | B1 | 16-01-2001          | NONE   |  |
| WO 2005027880                             | A  | 31-03-2005          | AU 2003272081 A1<br>.CA 2540105 A1<br>EP 1663173 A1<br>US 2007196463 A1  | 11-04-2005<br>31-03-2005<br>07-06-2006<br>23-08-2007   |
| WO 2006011159                             | A  | 02-02-2006          | NONE   |  |
| EP 1454634                                | A  | 08-09-2004          | AU 2002366029 A1<br>BR 0214372 A<br>CA 2466726 A1<br>CN 1589156 A<br>HU 0402323 A2<br>IS 7266 A<br>WO 03043661 A1<br>KR 20050044545 A<br>MA 26346 A1<br>MX PA04004775 A<br>NZ 532907 A<br>RU 2311906 C2<br>SI 21447 A<br>UA 76256 C2<br>ZA 200403551 A | 10-06-2003<br>26-10-2004<br>30-05-2003<br>02-03-2005<br>28-02-2005<br>14-05-2004<br>30-05-2003<br>12-05-2005<br>01-10-2004<br>17-02-2005<br>31-05-2007<br>10-12-2007<br>31-10-2004<br>15-07-2004<br>07-07-2005 |
| WO 2006042277                             | A  | 20-04-2006          | NONE   |  |
| WO 2004066982                             | A  | 12-08-2004          | EP 1594479 A1  | 16-11-2005   |
| EP 1930030                                | A  | 11-06-2008          | WO 2007037259 A1   | 05-04-2007   |
| WO 2007037259                             | A  | 05-04-2007          | EP 1930030 A1  | 11-06-2008   |
| WO 2007072503                             | A  | 28-06-2007          | NONE   |  |
| WO 2008067037                             | A  | 05-06-2008          | GB 2444593 A   | 11-06-2008   |
| WO 2008002567                             | A  | 03-01-2008          | US 2007298105 A1   | 27-12-2007   |